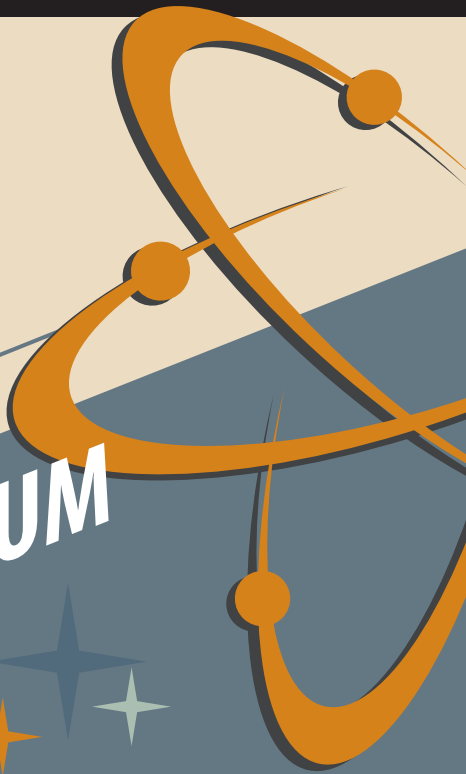


I D A H O   N A T I O N A L   L A B O R A T O R Y

*Family*  
**NUCLEAR  
SCIENCE**  
*Night*

**PHOTO ALBUM**





Idaho Falls High School students dressed as physicists Enrico Fermi and Erwin Schrödinger participate in a fission demonstration.

Among the “famous guests” in attendance who were available to answer visitors’ questions were (left to right): Irène Joliot-Curie, Walter Zinn, Albert Einstein, Hans Geiger, Chien-Shiung Wu, Marie Curie and Pierre Curie.





**Members of the University of Idaho's student chapter of the American Nuclear Society created visual images of the electromagnetic spectrum with objects representing different wavelengths: radio, microwave, infrared, X-ray and more.**

At the “Nuclear Forensics” table, children had a hands-on experience using density to determine whether an object is plastic, metal or glass.





Several hundred participants were able to visit over 20 stations to learn about nuclear science.

INL's Marsha Bala (center, tie-dye lab coat) participates in a human chain reaction to demonstrate the self-sustaining fission process that occurs in the core of a reactor.





Students in personal protective equipment are covered in ultraviolet powder to learn how to work safely with nuclear materials and see how INL protects its radiation workers.

**INL volunteer Don Miley teaches “All About Time, Distance, and Shielding” by using a lightbulb to represent radioactive material.**

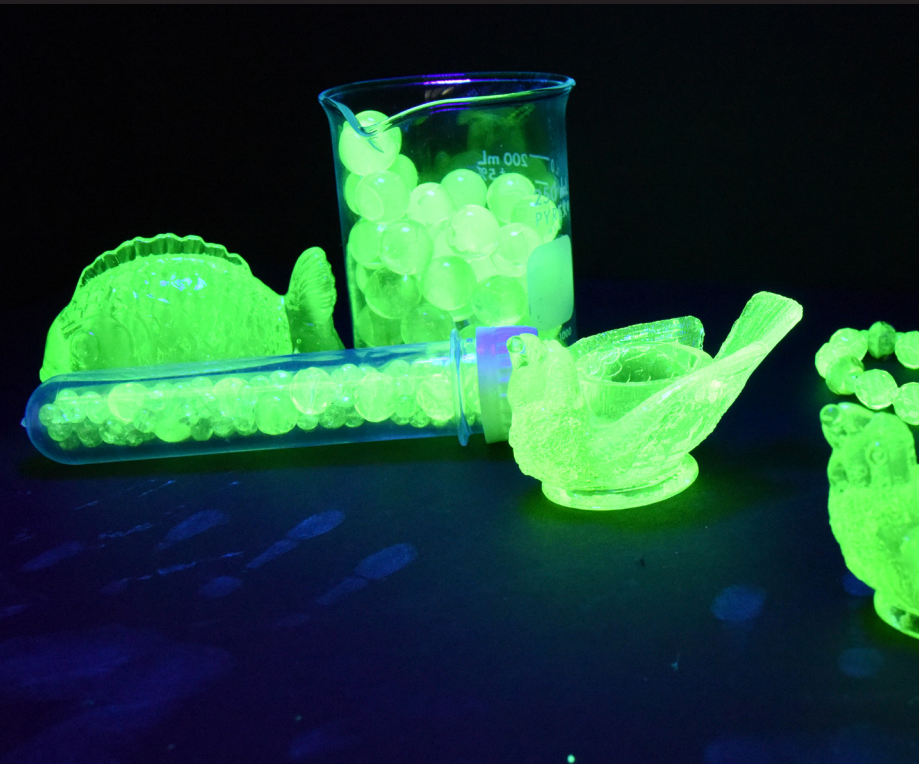




**Lab Director Mark Peters looks on as two visitors show him how to make an electroscope.**

Mothers for Nuclear hosted an “Atomic Art” station, where participants could use paint, pipe cleaners, and fuzzy balls to add neutrons, protons or electrons to a 4.5-foot-diameter Bohr atomic model representation of U-235.





Visitors learned about our radioactive world and how fluorescence works by observing the beauty of uranium glass fluorescing under a UV light.

**INL opened the computer-assisted virtual environment (CAVE) for tours, allowing visitors to virtually see the core of a nuclear reactor, track earthquakes worldwide, and look inside the human body.**





A visitor poses with an  
Einstein cutout poster.

At the “Atomic Face  
Painting” station, visitors  
could have an atom or  
other scientific drawing  
painted on their cheeks.





**University of Idaho  
American Nuclear Society  
Student Chapter**

**In Partnership with:**  
Mothers for Nuclear  
Idaho Women in Nuclear

